

DataPak MO

512MB REMOVABLE, REWRITABLE OPTICAL DRIVE

DataPak™ MO from MASS

Microsystems is a high speed, magneto-optical drive that provides 512Mbytes of storage capacity on a removable, rewritable DataCart™ MO cartridge. DataPak MO's non-contact laser read/write system does not deteriorate data, no matter how often it is written and erased. Designed to operate on any Macintosh computer, DataPak MO is the ideal storage solution for a wide range of applications.

- ◆ Graphic Arts
- ◆ Desktop Publishing
- ◆ CAD/CAM
- ◆ Multimedia
- ◆ Image Databases
- ◆ Archival & Backup Storage
- ◆ Network File Servers

High Capacity Expandability

DataPak MO offers 512Mbytes of available storage on each double-sided optical disk cartridge. The 5 1/4 inch disk comes packed in a convenient hard plastic cartridge with a metal door and a write-protect switch. Now you no longer need to upgrade or add drives for additional storage or backup. Get 512Mbytes more storage by simply buying another DataCart MO cartridge at a fraction of the cost of traditional hard disks.

Security and Portability

Resistant to dust and damage, DataPak MO's cartridges make it convenient to secure your data, and transport or distribute information without hassle. DataCart MO cartridges are 100% drive-to-drive compatible, and can even be sent through the mail.

Highest Quality and Reliability

DataPak MO, with its non-contact laser design, totally eliminates data loss due to head crashes and wear common with conventional hard disks. Designed with dependability in mind, DataPak MO incorporates special anti-dust filtering that eliminates erratic operation due to head contamination. Easily replaceable filters and cleaning kits are available for convenient maintenance of your system to insure a long, trouble-free operating life.



DataPak MO offers an incredible 512MB of storage on a single removable, rewritable optical disk cartridge.

Superior Performance

DataPak MO uses proprietary magneto-optical disk technology that achieves the world's fastest disk rotational speed of 3000 rpm. Add a built-in 64Kbyte data buffer, and DataPak MO gives the highest-speed data throughput available today.

And It's Backed by MASS Microsystems

Recognized worldwide as a leading supplier of award-winning removable storage systems for the Macintosh, MASS Microsystems backs its products with a full one year warranty and an 800 Technical Support line.

FEATURES

512Mbyte disk cartridge capacity

Magneto-optical technology

Removable cartridge design

Disk rotation of 3000 rpm and 64Kbyte buffer

100% drive-to-drive cartridge compatibility

Anti-dust filtering and cleaning system

BENEFITS

Store large amounts of data and images by simply adding another low-cost cartridge.

Erase and rewrite on high capacity optical disk. Eliminates head crash and wear that cause data loss.

Transport, distribute and lockup your files easily and safely.

High speed throughput gives fast transfer and processing of data. 25% faster than Sony-based mechanisms.

Total interchangeability of cartridges between DataPak MO drives for distribution and transporting of files.

No contamination of laser head, results in highly reliable operation.

FREE
DiskDoubler
bundled with all
DataPak MOs*

* Increase your storage capacity by 50% or more with DiskDoubler™ Data Compression Utility by Salient

 **MASS**
microsystems

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SPECIFICATIONS

Recording System	Magneto-optical, Rewritable
Disk Rotation Speed	3000 rpm
Rotation Control System	CAV
Average Access Time	80msec
Interface	SCSI
Buffer Size	64Kbytes
Data Transfer Rate	
Burst	1.5Mbytes/sec
Average	
Continuous Read	0.8Mbytes/sec
Write/Verify	0.2Mbytes/sec
Mode	Asynchronous
Bit Error Rate	less than 10^{-12} bytes (ECC)
Disk/Cartridge	
Disk Capacity (unformatted)	512Mbytes (double-sided)
Disk Diameter	130mm (5.12 in)
Sector Size	1024 bytes
Sectors per Track	16
Tracks per Side	15,728
Power Requirements	110/115V, 70W; 220/240V, 85W
MTBF	20,000 power on hours
Environmental Limits	
Operating	
Temperature	5°C to 35°C (41°F to 95°F)
Humidity	5 to 85% RH (non-condensing)
Non-Operating (Storage)	
Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5 to 90% RH (non-condensing)
Vibration	below 0.25G (5-500 Hz)
Shock	below 0.3G (below 5ms)
Dimensions (HWD)	
Drive	137 x 185 x 365 mm (5.4" x 7.3" x 14.4")
Cartridge	11 x 135 x 153 mm (0.4" x 5.3" x 6.0")
Weight	7.5kg (16.5 lbs)
Warranty	One year on parts and labor
System Requirements	All Macintosh CPUs

PRODUCT PACKAGE

The DataPak MO product package includes:

- ◆ DataPak MO Drive
- ◆ DataCart MO Optical Disk Cartridge
- ◆ SCSI Peripheral and Power Cables
- ◆ DataPak MO System Disk
- ◆ DataPak MO User's Guide and Reference Manual
- ◆ DiskDoubler by Salient

OPTIONAL ACCESSORIES

- ◆ DataPak MO Head Cleaning Cartridge
- ◆ DataPak MO Disk Cleaning Kit
- ◆ DataPak MO Filters (2/box)

Other Quality Products from MASS Microsystems for your Macintosh:

- DataPak 45MB and 88MB Removable Cartridge Drives
- ColorSpace™ Desktop Video products
- QuickImage™ 24 Video Frame Grabber Card
- EasyVideo™ 8 NTSC Video Output Card



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Specifications are subject to change without notice.